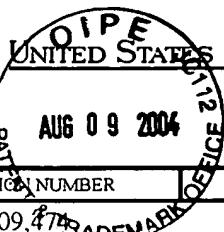


*Amw*

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/709,474 ADEMABK	05/07/2004	Ryoichi Watanabe	JP920030057US1

CONFIRMATION NO. 3473

24241  
IBM MICROELECTRONICS  
INTELLECTUAL PROPERTY LAW  
1000 RIVER STREET  
972 E  
ESSEX JUNCTION, VT 05452

## FORMALITIES LETTER



\*OC000000013120316\*

Date Mailed: 07/01/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

08/10/2004 MAHMED1 00000108 090456 10709474

01 FC:1051 130.00 DA

*A copy of this notice **MUST** be returned with the reply.*

*Chucky*

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

O I P E

**Response To Notice To File Missing Parts Of Application  
AUG 09 2004 Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
JP920030057US1

In Re Application Of: **Ryoichi Watanabe, et al**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/709,474	05/07/2004		24241	1753	3473

Invention: **PRINTED CIRCUIT BOARD MANUFACTURING METHOD**

Mail Stop Missing Parts

COMMISSIONER FOR PATENTS:

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

07/01/2004

Date

Enclosed herewith for filing are the following:

- A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- A properly signed oath or declaration in compliance with 37 CFR 1.63.
- An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- Other (list):

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
JP920030057US1

In Re Application Of: **Ryoichi Watanabe, et al**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/709,474	05/07/2004		24241	1753	3473

Invention: **PRINTED CIRCUIT BOARD MANUFACTURING METHOD**

**TO THE COMMISSIONER FOR PATENTS:**

**Mail Stop Missing Parts**

Completion of application fees as calculated below:

Utility application filing fee \_\_\_\_\_

Design application filing fee \_\_\_\_\_

Total number of independent claims = \_\_\_\_\_

Total number of claims = \_\_\_\_\_

Multiple dependent claims \_\_\_\_\_

Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

Petition and fee for filing by other than all the inventors or a person not the inventor \_\_\_\_\_

Fee for processing an application filed with a non-English language specification \_\_\_\_\_

Fee for processing and retention of application \_\_\_\_\_

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

One month       Two months       Three months       Four months       Five months

from: \_\_\_\_\_

*Date*

until: \_\_\_\_\_

*Date*

Total time extension fees \_\_\_\_\_

Total fees due **\$130.00**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.  
**JP920030057US1**

In Re Application Of: **Ryoichi Watanabe, et al**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/709,474	05/07/2004		24241	1753	3473

Invention: **PRINTED CIRCUIT BOARD MANUFACTURING METHOD**

**TO THE COMMISSIONER FOR PATENTS:**

**Mail Stop Missing Parts**

The fee of **\$130.00** is to be paid as follows:

- A check in the amount of the fee is enclosed.
- The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **09-0456**
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.

  
*Anthony J. Canale*  
Signature

Dated: **08/06/2004**

Anthony J. Canale, Reg. # 51,526  
IBM Corporation  
1000 River Street, 972E  
Essex Junction, VT 05452  
Customer No. 24241

I certify that this document and fee is being deposited on **8/6/2004** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

 <i>Annette Dodge</i> Signature of Person Mailing Correspondence
<b>ARNETTE DODGE</b> Typed or Printed Name of Person Mailing Correspondence

cc: